

IN THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims of this application:

Listing of Claims:

1. (Currently amended) A method for adapting a score stored in a MIDI file for being reproduced in a mobile terminal to the transfer function of electroacoustic reproduction circuitry, comprising:

rendering the score stored in the MIDI file to obtain sampled data prior to a reproduction of the score on the mobile terminal, comprising:

determining a gain factor from a comparison of an identified maximum absolute value of the sampled data with a limit value defined for the electroacoustic reproduction circuitry;

identifying, from the sampled data, one or more values or one or more combinations of values which are evaluated based on a desired electroacoustic reproduction on the mobile terminal; and

determining, based on the identified values, one or more parameters suited for adapting the score with respect to the desired reproduction on the mobile terminal; and storing the gain factor determined within the MIDI file holding the score.

2. (Canceled)

3. (Canceled)

4. (Currently amended) A method according to claim 2, further comprising: normalising at least one volume setting of the score with the gain factor.

5. (Previously presented) A method according to claim 4, wherein the at least one volume setting of the score is a first volume value defining the volume of one or more

Attorney Docket No. 9733-20
Application Serial No. 10/553,010

Filed: June 30, 2006

Page 3

devices or a second volume value defining a modification of a first volume value for a certain period of time.

6. (Currently amended) A method according to claim 2, wherein the gain factor is stored separately from the MIDI file containing the score.

7. (Previously presented) A method according to claim 1, further comprising: reducing the dynamic range of the sampled data rendered therefrom for one or more passages of the score on the basis of a determination of volume level changes in the respective one or more passages of the score.

8. (Previously presented) A method according to claim 1, wherein test rendering the score comprises reducing a crest factor of the sampled data.

9. (Previously presented) A method according to claim 1, wherein rendering the score, identifying, from the sampled data one or more values, and determining, based on the identified values, one or more parameters are performed prior to storing a MIDI file containing the score on the mobile terminal.

10. (Previously presented) A method according to claim 1, wherein rendering the score, identifying, from the sampled data one or more values, and determining, based on the identified values, one or more parameters are performed in the course of arranging the score.

11. (Previously presented) A computer program product comprising a computer readable storage medium having computer readable program code embodied therein, the computer readable program code being configured to carry out the method of Claim 1.

12. (Currently amended) A mobile terminal adapted to store and reproduce a score in the format of a MIDI file, comprising:
electroacoustic reproduction circuitry;

storage means for storing the MIDI file;

processing means for rendering sampled data from the MIDI file, the processing means being configured to determine a gain factor from a comparison of an identified maximum absolute value of the sampled data with a limit value defined for the electroacoustic reproduction circuitry;

reproduction means for transforming the sampled data obtained from the MIDI file into respective sound reproduction; and

control means for adapting the score, the control means comprising:

means for identifying, from the sampled data, one or more values or one or more combinations of values which are evaluated based on a desired electroacoustic reproduction on the mobile terminal; and

means for determining, based on the identified values, one or more parameters suited for adapting the score with respect to the desired reproduction on the mobile terminal;

wherein said score is adapted to a transfer function of the electroacoustic reproduction circuitry.

13. (Previously presented) A mobile terminal according to claim 12, further comprising:

means for reducing a crest factor of sampled data of an adapted score when being reproduced.

14. (Previously presented) A mobile terminal according to claim 13, wherein the means for reducing comprises a dynamic compressor.